



## Contents

### Volume 74

---

Aromatic DNA adducts in brain tumors by $^{32}\text{P}$ -postlabeling analysis L.-S. Lee, M.-D. Chou, C.-W. Chi, H.-C. Liu, Y.-H. Shih, T.-Y. Liu (Taiwan, Republic of China)	1-7
2-Nitropropane-induced liver DNA and RNA base modifications: differences between Sprague-Dawley rats and New Zealand White rabbits E.S. Fiala, G. Nie, R. Sodium, C.C. Conaway, O.S. Sohn (Valhalla, NY)	9-14
Clonal growth and origin of two human keratinocyte cell lines transformed by human papillomavirus type 16 DNA X.-f. Pei, M. Wu (Beijing, P.R. China)	15-24
Morphological transformation of C3H10T1/2CL8 cells by cyclopenta-fused derivatives of benzo[ <i>a</i> ]pyrene and benzo[ <i>e</i> ]pyrene S. Nesnow, S. Beck, L.M. Ball, R. Sangaiah, A. Gold (Research Triangle Park and Chapel Hill, NC)	25-30
Morphological transformation of Syrian hamster embryo cells in primary culture by malachite green correlates well with the evidence for formation of reactive free radicals A. Panandiker, C. Fernandes, T.K. Gundu Rao, K.V. Kesava Rao (Bombay, India; New York, NY)	31-36
Inhibition of <i>MDR1</i> gene expression by H-87, a selective inhibitor of cAMP-dependent protein kinase† S.-H. Kim, J.-I. Park, B.-S. Chung, C.-D. Kang, H. Hidaka (Pusan, Korea; Nagoya, Japan)	37-41
$\alpha$ -Fetoprotein glycosylation is abnormal in some hepatocellular carcinomas, including white patients with a normal $\alpha$ -fetoprotein concentration A.B. Ajdukiewicz, P.C. Kelleher, E.L. Krawitt, C.J.P. Walters, P.B. Mason, R.S. Koff, L. Bélanger (Burlington, VT; Framingham, MA; Québec, Canada)	43-50
Correlation of mitotic abnormalities and the presence of human papillomavirus antigens in squamous cell carcinomas of the oral cavity D. Mukhopadhyay, R. Chatterjee, R.N. Chakraborty (Calcutta, India)	51-56
Lipids alter the level and distribution of mouse mammary tumor virus gp52 in vitro F.J. Sunzeri, G.C. Buehring (Berkeley, CA)	57-64
Morphological and morphometric measurements in colorectal mucosa of subjects at increased risk for colonic neoplasia A. Richter, K. Yang, F. Richter, H.T. Lynch, M. Lipkin (New York, NY; Würzburg, Germany; Omaha, NE)	65-68
Synergistic induction of rat microsomal CYP1A1 and CYP1A2 by acetone in combination with pyridine M.M. Iba, S. Bennett, A. Storch, A. Ghosal, P.E. Thomas (Piscataway, NJ)	69-74
Regulation of HIV-1 LTR <i>trans</i> -activating activities in two different human hepatocellular carcinoma cell lines K.S.S. Chang, M.-L. Hsu, S.F. Josephs (Taiwan, China; Round Lake, IL)	75-83
Impact of organosulfur compounds in garlic on canine mammary tumor cells in culture S.G. Sundaram, J.A. Milner (University Park, PA)	85-90
Decreased expression of prostatic secretory protein PSP <sub>94</sub> in prostate cancer A.Y. Liu, R.C. Bradner, R.L. Vessella (Santa Monica, CA; Seattle, WA)	91-99

Carcinogenic effects in rats of nitrosopiperazines administered intravesically: possible implications for the use of piperazine	101-103
W. Lijinsky, R.M. Kovatch (Frederick, MD)	
Genotoxic effects of nicotine in combination with arecoline on CHO cells	105-110
A.H. Trivedi, B.J. Dave, S.C. Adhvaryu (Ahmedabad, India)	
Covalent binding of (+) 7S-trans-7,8-dihydrobenzo[a]pyrene-7,8-diol to trout DNA: P-450- and peroxidation-dependent pathways	111-117
J.D. Kelly, M. Dutchuk, N. Takahashi, A. Reddy, J.D. Hendricks, D.E. Williams (Corvallis, OR)	
Establishment of lung cancer cell line producing parathyroid hormone-related protein	119-124
Y. Ichinose, H. Iguchi, M. Ohta, H. Katakami (Fukuoka; Miyazaki, Japan)	
Nucleolar and nuclear aberrations in human lox tumor cells following treatment with p120 antisense oligonucleotide ISIS-3466	125-135
L. Perlaky, K. Smetana, R.K. Busch, Y. Sajio, H. Busch (Houston, TX; Nove Mesto, Czech Republic)	
Announcement	137
Organotropism and disappearance of 8-hydroxydeoxyguanosine in the kidney of Sprague-Dawley rats exposed to Adriamycin and $KBrO_3$	141-145
D.H. Cho, J.T. Hong, K. Chin, T.S. Cho, B.M. Lee (Seoul and Suwon, Korea)	
Reduction of tumor necrosis factor production by splenocytes from v-Ha-ras oncogene-bearing mice	147-150
G.-j. Chen, L.L. Colombo, M.C. Lopez, R.R. Watson (Tucson, AZ)	
Effects of isothiocyanates on tumorigenesis by benzo[a]pyrene in murine tumor models	151-159
J.-M. Lin, S. Amin, N. Trushin, S.S. Hecht (Valhalla, NY)	
Association between bleomycin genotoxicity and non-constitutional risk factors for head and neck cancer	161-165
J. Cloos, I. Steen, H. Joenje, J.-Y. Ko, N. de Vries, M.L.T. van der Sterre, J.J.P. Nauta, G.B. Snow, B.J.M. Braakhuis (Amsterdam, Netherlands; Taiwan, China)	
High expression rate of Tn antigen in metastatic lesions of uterine cervical cancers	167-173
S.-i. Hamada, H. Furumoto, M. Kamada, T. Hirao, T. Aono (Tokushima, Japan)	
Asbestos induces aberrant crypt foci in the colon of rats	183-187
D.E. Corpet, V. Pirot, I. Goubet (Toulouse, France)	
Effects of age and ethanol on DNA single-strand breaks and toxicity induced by 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone or <i>n</i> -nitrosodimethylamine in hamster and rat liver	175-181
R. Jorquer, A. Castonguay, H.M. Schuller (Québec, Canada; Knoxville, TN)	
Insulin like growth factor-I independence in rat mammary carcinoma cells: a dominant phenotype in somatic cell hybrid experiments	189-195
S.P. Ethier, E. Taback (Ann Arbor, MI)	
Effects of signalling transduction modulators on the transformed phenotypes in v-H-ras-transformed NIH 3T3 cells	197-202
M.-L. Kuo, J.-J. Kang, N.-C. Yang (Taiwan, Republic of China)	
Subject index Volume 74	203-205
Author index Volume 74	207-208
Contents Volume 74	209-210

